FIGURE 2

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   1 CTGAGCATTG CGAACTACGC CTTCAACATT GTTTCTTTAA ACAAACACCG TTTTTTAATT
  61 TTAATAGCAC TCATTAAAGG TTTTATTTGA AGGAAAGTTG TGACAGCAAC CGGAGTCGTT
 121 TAGAATGGGA CTTTGTTGAG TCGGAGGATG GACATCCCGC GGCCATCATG CGCCCTCGTA
 181 TTGGTGTTGT TATTTGTCAC CCATCTCTCA GAATGCATGA ACGGTGGGAA GATCAACTTT
 241 CGAGAGAAGG AGAAGCAGAT CCTGGATCAG ATCCTGGGCC CCGGGAGGTA CGACGCCAGG
 301 ATCAGACCCT CGGGGATCAA CGGCACTGAT GGGCCAGCGG TAGTGAGCGT CAATATATTT
 361 GTCCGAAGTA TATCAAAGAT CGATGACGTC ACAATGGAAT ACTCCGTACA ATTAACGTTT
 421 CGGGAACAAT GGTTAGATGA ACGGCTCAAA TTCAATAATC TTGGAGGTCG CCTCAAATAC
 481 CTGACACTGA CTGAAGCCAA CAGAGTCTGG ATGCCTGATC TATTCTTCTC CAACGAGAAG
 541 GAAGGTCATT TCCACAACAT CATCATGCCG AACGTGTACA TCCGAATCTT CCCCAACGGC
 601 AACGTGCTGT ACAGCATCCG AATCTCCCTG ACGCTCTCGT GCCCCATGAA CCTCAAGTTG
 661 TACCCCCTGG ATAAGCAGAC CTGCTCGCTC AGGATGGCTA GTTATGGTTG GACCACAGAC
 721 GACTTAGTGT TCCTATGGAA GGAAGGCGAC CCGGTGCAGG TGGTGAAAAA CTTACACCTG
 781 CCTCGGTTCA CGCTGGAGAA GTTCCTCACT GACTACTGCA ACAGTAAGAC TAATACCGGT
 841 GAATACAGTT GCCTGAAGGT AGACCTGCTC TTCAAACGCG AGTTCAGTTA CTACCTGATC
 901 CAGATCTACA TTCCGTGCTG CATGCTGGTC ATCGTGTCCT GGGTGTCCTT CTGGCTGGAC
 961 CAGGGAGCTG TGCCTGCGAG GGTCTCACTA GGAGTGACGA CTTTACTTAC AATGGCGACC
1021 CAGTCGTCAG GCATCAACGC GTCCCTACCA CCGGTGTCCT ACACGAAAGC CATTGATGTC
1081 TGGACTGGGT TATGTCTCAC ATTCGTATTC GGAGCGCTAC TAGAGTTTGC GCTCGTCAAC
1141 TATGCGTCTC GCTCTGACAT GCACCGAGAG AACATGAAGA AAGCGAGACG GGAGATGGAA
1201 GCAGCCAGCA TGGATGCTGC CTCAGATCTC CTTGATACAG ATAGCAACAC CACCTTTGCT
1261 ATGAAACCCT TGGTGCGCGG CGGCGTGGTG GAATCCAAGA TGCGGCAGTG CGAGATCCAC
1321 ATCACCCCGC CGCGGAAGAA CTGCTGCCGC CTGTGGATGT CCAAGTTCCC CACGCGCTCC
1381 AAGAGGATAG ACGTCATCTC CAGGATCACC TTCCCACTTG TGTTCGCTCT GTTTAACCTG
1441 GCTTACTGAA TGAAGCAGAG AAACTCCTCC TTTGCGCACA GAAATCCTGA AGAGACTGAA
1501 CAACGAAGTT TCCTAACCAC AATCATTGCT ATGATTATAC CGAGAATTTA TTTTATACTA
1561 ATTGTTGTGA CCACACGGTT TTAACGTAGC TTGGATCCAC GCGGTGTTA
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FIGURE 3

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   1 AGGTGCGGAC GTCTGCACTT GCGAATCGAA GTGATAGAAA ATAGTTCGAT GAATACGGGA
  61 GTTTGAGTGG AGTGATTTAT AATTCGGAGG ATGGACATCC CGCGGCCATC ATGCGCCCTC
 121 GTATTGGTGT TGTTATTTGT CACCCATCTC TCAGAATGCA TGAACGGTGG GAAGATCAAC
 181 TTTCGAGAGA AGGAGAAGCA GATCCTGGAT CAGATCCTGG GCCCCGGGAG GTACGACGCC
 241 AGGATCAGAC CCTCGGGGAT CAACGGCACT GGCTATGCGC CAACGTTAGT CCATGTCAAC
 301 ATGTATCTAC GGTCCATCAG CAAAATAGAT GATTACAAAA TGGAATACTC CGTACAATTA
 361 ACGTTTCGGG AACAATGGTT AGATGAACGG CTCAAATTCA ATAATCTTGG AGGTCGCCTC
 421 AAATACCTGA CACTGACTGA AGCCAACAGA GTCTGGATGC CTGATCTATT CTTCTCCAAC
 481 GAGAAGGAAG GTCATTTCCA CAACATCATC ATGCCGAACG TGTACATCCG GATCTTCCCC
 541 AACGGCAACG TGCTGTACAG CATCCGAATC TCCCTGACGC TCTCGTGCCC CATGAACCTC
 601 AAGTTGTACC CCCTGGATAA GCAGACCTGC TCGCTCAGGA TGGCTAGTTA TGGTTGGACC
 661 ACAGACGACT TAGTGTTCCT ATGGAAGGAA GGCGACCCGG TGCAGGTGGT GAAAAACTTA
 721 CACCTGCCTC GGTTCACGCT GGAGAAGTTC CTCACTGACT ACTGCAACAG TAAGACTAAT
 781 ACCGGTGAAT ACAGTTGCCT GAAGGTAGAC CTGCTCTTCA AACGCGAGTT CAGTTACTAC
 841 CTGATCCAGA TCTACATTCC GTGCTGCATG CTGGTCATCG TGTCCTGGGT GTCCTTCTGG
 901 CTGGACCAGG GAGCTGTGCC TGCGAGGGTC TCACTAGGAG TGACGACTTT ACTTACAATG
 961 GCGACCCAGT CGTCAGGCAT CAACGCGTCC CTACCACCGG TGTCCTACAC GAAAGCCATT
1021 GATGTCTGGA CTGGGTTATG TCTCACATTC GTATTCGGAG CGCTACTAGA GTTTGCGCTC
1081 GTCAACTATG CGTCTCGCTC TGACATGCAC CGAGAGAACA TGAAGAAAGC GAGACGGGAG
1141 ATGGAAGCAG CCAGCATGGA TGCTGCCTCA GATCTCCTTG ATACAGATAG CAACACCACC
1201 TTTGCTATGA AACCCTTGGT GCGCGGCGGC GTGGTGGAAT CCAAGATGCG GCAGTGCGAG
1261 ATCCACATCA CCCCGCCGCG GAAGAACTGC TGCCGCCTGT GGATGTCCAA GTTCCCCACG
1321 CGCTCCAAGA GGATAGACGT CATCTCCAGG ATCACCTTCC CACTTGTGTT CGCTCTGTTT
1381 AACCTGGCTT ACTGTTGGGG GGGCAAGAGG GGGGCGGTGG CTGCTACCAT GTCTTGCAGG
1441 AGCGATGAGA CTATTAATGC TATTTATAAG CTGATACAGA ATGAAGCAGA GAAACTCCTC
1501 CTTTGCGCAC AGAAATCCTG AAGAGACTGA ACAACGAAGT TTCCTAACCA CAATCATTGC
1561 TATGATTATA CCGAGAATTT ATTTTATACT AATTGTTGTG ACCACACGGT TTTAAGCTAG
1621 CTTGGATCCA CGCGGTGTTA
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FIGURE 4

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   1 ACCAGGCGAA CTACGCCTTC AACATTGTTT TTTTAAACAA ACACCGTTTT TTAATTTTAA
  61 TAGCTCTCAT TAAAGGTTTT ATTTGAAGGA AAGTTGTGAC AGCAACCGGA GTCGTTTAGA
 121 ATGGGACTTT GTTGAGTCGG AGGATGGACA TCCCGCGGCC ATCATGCGCC CTCGTATTGG
 181 TGTTGTTATT TGTCACCCAT CTCTCAGAAT GCATGAACGG TGGGAAGATC AACTTTCGAG
 241 AGAAGGAGAA GCAGATCCTG GATCAGATCC TGGGCCCCGG GAGGTACGAC GCCAGGATCA
 301 GACCCTCGGG GATCAACGGC ACTGATGGGC CAGCGGTAGT GAGCGTCAAT ATATTTGTCC
 361 GAAGTATATC AAAGATCGAT GACGTCACAA TGGAATACTC CGTACAGTTA ACGTTTCGGG
 421 AACAATGGTT AGATGAACGG CTCAAATTCA ATAATCTTGG AGGTCGCCTC AAATACCTGA
 481 CACTGACCGA AGCCAACAGA GTCTGGATGC CTGATCTATT CTTCTCCAAC GAGAAGGAAG
 541 GTCATTTCCA CAACATCATC ATGCCGAACG TGTACATCCG GATCTTCCCC AACGGCAACG
 601 TGCTGTACAG CATCCGAATC TCCTTGACGC TCTCGTGCCC CATGAACCTC AAGTTGTACC
 661 CCCTGGATAA GCAGACCTGC TCGCTCAGGA TGGCTAGTTA TGGTTGGACC ACAGACGACT
 721 TAGTGTTCCT ATGGAAGGAA GGCGACCCGG TGCAGGTGGT GAANAACTTA CACCTGCCTC
 781 GGTTCACGCT GGAGAAGTTC CTCACTGACT ACTGCAACAG TAAGACTAAT ACCGGTGAAT
 841 ACAGTTGCCT GAAGGTAGAC TTGCTCTTCA AACGCGAGTT CAGTTACTAC CTGATCCAGA
 901 TCTACATTCC GTGCTGCATG CTGGTCATCG TGTCCTGGGT GTCCTTCTGG CTGGACCAGG
 961 GAGCTGTGCC TGCGAGGGTC TCACTAGGAG TGACGACTTT ACTTACAATG GCGACCCAGT
1021 CGTCAGGCAT CAACGCGTCC CTACCACCGG TGTCCTACAC GAAAGCCATT GACGTCTGGA
1081 CTGGTGTATG TCTCACATTC GTATTCGGAG CGCTACTAGA GTTCGCGCTC GTCAACTATG
1141 CGTCTCGCTC TGACATGCAC CGAGAGAACA TGAAGAAAGC GAGACGGGAG ATGGAAGCAG
1201 CCAGCATGGA TGCTGCCTCA GATCTCCTAG ACACAGATAG CAACACCACC TTTGCTATGA
1261 AACCCTTGGT GCGCGGCGGC GTGGTGGAAT CCAAGATGCG GCAGTGCGAG ATCCACATCA
1321 CCCCGCCGCG GAAGAACTGC TGCCGCCTGT GGATGTCCAA GTTCCCCACG CGCTCCAAGA
1381 GGATAGACGT CATCTCCAGG ATCACCTTCC CACTTGTGTT CGCTCTGTTT AACCTGGCTT
1441 ACTGGTCGAC GTACCTGTTC CGCGACGAGG ACGAGGAGAA GTGATTCTCC GAGTCCCTGG
1501 AGAGGGGCGT GGGGCCGCGC GTGCAGCTGG TGGCGGCCGT CGTGATGCCC TACGTGCTGT
1561 TCGTGGTGGC GTACTCGCTG TGCTTCCGCG CGCGCGCCCC GCCCCCTTCG CCCCCGCCCG
1621 CGCCCGCGCC CGCGCCCGCG CCCGCACCCT CCCGCCGCAG CGCGCGCGCA CGCACACAAG
1681 CACACCCACC TAGCCCGCTC TAGCGAACTC ACCCCATTCA TTATCGTGAC ATATTATATT
1741 ATCGTGTATT TTAATCGACG TCTTCCTCGT GGCAGCGTTA TTCCCACTCA GTATTCGATG
1801 GCGTTAGTGT AATTAGTAAA GCTCAAGTGT CTATTTGTAT ATATATGTGA CCCCCGTGCC
1861 AGTTTAGACC AAGCCTCCGT TTTTAAATTG AAGCAGTTCG AGAAAAACGG TAAAAATAGA
1921 CTCAATTTTG ATTGGTCATC TAAACAGCAG AACTTTTATT CGGCACTTAT AAAGTCCTCA
1981 ATTATTTGTG TACAAAAATA AATATTTTAC TTTCCGAGAA TTAAAAATTT TCGATAATTT
2041 TACCAATGAT ATGACTCCTT GTATGGATTC GTATGTAATG TAAACCTAGG TTAAGATATA
2101 AGAGGAATCC CAGAGGTTCC CGCATATTAC TTTAGCCTTT AAAGTAAGGT AAATAAGGAC
2161 TAGAATGGCA CTAATGTGTA GTGGAAGTGG GGTATTATTT AGTAGTTTTC ACTCTACAGT
2221 ACGTGAACTG GACTAGATCT ACTAGCAAAT AGAGTTGATC AATTTTCATG TCGAAATGTT
2281 CACAGATATT GTATAAACCG CTGGAGGTAA ACAGCTATCA ACAATGTAAC ACCAAATACC
2341 ATCAGAATCA AGCAAAACCA TGGAAATTTT GCTAATCGAA AAGTTGTAAC TGTTTATCTA
2401 TGGCAGGTAT AATTGGCCTA GTAATGTATC GTGTAGTATC ATTTACAACA CATATTAACT
2461 ATTAACCACA TTATGTGAAA GAAGGAATTT ATAAAAAAAA CCTTATTAAA TATATATTAG
2521 ATAAGTATTA TTAATTGGAT ATTCTCTTGC TGGGGATTTT AATATGAATC TTACCTTTAA
2581 ATAAGTTTGA TCTCACTAGA CGTTGCAAAT GGATACCCCA AATACCTTTT CCGCATTAAA
2641 AGGTATTATT TTAACAAATG TATTCTTCCC CGTCAATGTT TTAAGACTAC GTATCTACAT
2701 AAAATGATGT ATTGTTCATA CAATACTATT TCAAAATGCA AGAACAACGT AAAGTGCATT
2761 TCATTGATGT TTGTGTATGT AGATGACATT AGTATTTTAC CCAAAAATAC TGATATTAAA
2821 ATTCCCAGTA AGATTCGTAG GTAAATGGTA AACGTGTAAA TAGTTGGGCC TACAACTTTC
2881 TACACCTGTG TCGCTCAGTG TACAGTTACC TATATTTAAT ATTACAATTA TATCATTATT
2941 AACGAATGAT AAGATTTTAT TAACATTAAT TTCTCTGTCT GAACGTATCA CTGTAAATAT
3001 TACTAAATGT TTCCTAATTA CATTATTCAT ACATATATTA TCATCCCTTG AGCTATAGTT
3061 GCAAAGTATT CCAAAACCAC AATGAAAATA AAATTTCAAT TTACTTCACG ATCACCAAAT
3121 TGTGAAAACC TGGTTGTTCT GAATTCATTT AACAATTAGT TTTTACTTTG AATCCATGGC
3181 TCAAGGGACA TCCTAAGGAT ATTCATTGAA ATCTATTTAG AATCTCGTGT ATGTATCATG
3241 ACACCTTCAA ATAAAATATC ACTAATGCTG TGTTCGGCTA TTAGATACAA TAAGTCGTAC
3301 ATATTAACGT AAGCACATTC GTTTTTATTA TGCGGCGGAG AGAACGCATC TGTTTCTATA
3361 ACGAAAGGGT GGCCATTATC GGCTATATCA TCTTGCTTGG TCTGTATAAA AATAAGAGTC
3421 AAAGACTCGG GGGAAACCCC TATATGTATA CTATCATAAC CGTTATCCTT ATTTTGACAA
3481 AGCTCTGGGA AACGAAATAG CATTTTGTTT CAATTACACA ATTCTTGCTC ATTTTTCTCT
3541 TCCGCCTTTT ATTTGAATTT AGGTGTTGCC CACTGTGCGC AATACTCTAA TGGCTTAGAA
3601 TTATCCTTAA TATATATTCT CGGGCTGTGA CGAGGTGTAG CATCTGCATT ATTATATTAA
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3661 TGTCATTTCG TTTGCCATTC GTTGTATGTA AGGAAATATT AGCCTATGTC CAACGCTCAA
3721 AATCTCATAG ACGTATTAGG CACACATAAG TGTACCTTTT CGTATGTATG TAAATTATTG
3781 GAGACTCAAT GTCTTAGTTG GTGCTATATA TACTACGATC CGAGGAGAAT GTACCCAGTA
3841 GTTTACTCAT ACATAACGCC ACTGATATCT TGTGGAGGAA ATATTATCTG CGAGACAAGT
3901 AGACATTAGT TAAGTTTACA TATTTACAAT AAATGTTTCC ATTATTAGGA TATAACATAT
3961 GAATGTGTTA CTGTTGAAAG CAGCTTCTCA AGGTACCACC AGTAATTCGG AGATACTTGT
4021 AGGATTTGCA TTCGATAAAC AACTTATACT AAAACGAAGA TTTGACTGAA TCTAAACCGC
4081 AAATACTGTG GTCAAAATTA TTAAACACTT TCAATACATG TTGTACGCAT GTTTCTGTAA
4141 TTTCACATTT AATTGTAAAG TCAATTAAAT CACTGTATAA TAATACATTT TCAACATATC
4201 TCTCACTGTT AAGATTTCGG TTGGTCCAAC GACAGAATCA AATCGCAACG TAATGATGAT
4261 CCGGGCAAAA CTAACAACTA GATAGATCTC TTAAATGATT ACGTTGAAGT GGAAGAGGTG
4321 ATGTATGAAG GAAGGTAGGA TTAAGTAACA CTGTATAATA TATTGACCAT AATTACGATT
4381 TTAGAAGTCA TAATGGACGG TTTACCTCTT AAGATTATAC AGTAAAGGTA GATAGTTTCA
4441 TTCGTAAGCT ATGTTGTACT CGATTGGTAT GACATAACTA ATGACTGAGC TTTGTCATCT
4501 ACTACAACCC GAGGGCGAAT ACCTCCTTCT TCTACCATTC CCATTTAATT ATAAAGAAAC
4561 ATTGTAAAAA ATGATTTAAT AAAATATCCC AAATATCTTA AAACAAAAAA AAAAAAAAAA
4621 A
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